

CINOVEC a globally significant previously mined lithium deposit in the heart of Europe



May 2016

Large, low cost lithium in the heart of Europe



Cinovec - a 100% owned globally significant lithium and tin deposit

Cinovec - the largest lithium resource in Europe with substantial exploration upside

Low cost lithium carbonate production, particularly with by-products included

- Indicated and Inferred Resources defined
- Scoping Study complete
- Drilling in progress





Lithium

battery industry

2020

300,000

3

Estimated value of global market in 2020 – US 70 billion

Lithium ion technology revolutionised the

Demand for lithium batteries forecast to

grow from 65kt LCE in 2015 to 163kt LCE in

Lithium carbonate price increased from US

7,000/t in Sep 15 to >US 20,000/t current







Sources: Signum Box, UK Energy Research Centre, Tesla

PRODUCTION BY COUNTRY

Lithium – new demand Europe





Cinovec Deposit

- >80km historic diamond drilling, 21.5km historic development tunnels at Cinovec South
- 3 diamond holes drilled in 2014 by EMH
- Drilling in progress
- Inferred Resource 5.5Mt LCE; 514.8Mt @ 0.43% Li₂O
- Exploration Target 3.4-5.3Mt LCE; 350-450 Mt @ 0.39-0.47% Li2O
- Indicated and Inferred Tin Resources 183kt tin
 - Indicated 7.0Mt @ 0.23%Sn, 0.05%W, 0.50% Li₂O
 - Inferred 72.7Mt @ 0.23% Sn, 0.03% W, 0.45% Li₂O



То

224.0

211.5

181.3

240.0

407.2

409.5

Hole

CN-17

CN-86

CN-99

CN-82

CN-51

CN-112

From

22.0

5.0

2.5

233.0

207.0

0

CAUTIONARY STATEMENT

The potential quantity and grade of the Exploration Target is conceptual in nature, there has been insufficient exploration to estimate a Mineral Resource and it is uncertain if further exploration will result in the estimation of a Mineral Resource





Width

(m)

202.0

206.5

181.3

237.5

174.2

202.5

Li2O

(%)

0.62

0.51

0.41

0.40

0.43

0.49

Lithium Processing

 Currently evaluating processing alternatives – all of which have successfully produced lithium carbonate

Battery-grade Li_2CO_3 precipitated from Cinovec sample, significant by-product potash (K₂SO₄)

- Lithium process production cost estimated to be approximately \$1,500/t lithium carbonate net of potash credit
- Potential to further lower production cost in areas of higher grade tin/tungsten mineralisation





Corporate Snapshot



ASX & AIM Code	ЕМН		
CDIs	100 million		
Options (June 2016 @ 10c)	21.9 million		
Market Cap @ 26c	26.0 million		



Shareholder Structure	
Rare Earth Minerals plc	19.9%
Held by Directors	10.3%
Top 20 Shareholders	68.3%
(Czech Shareholders	9.8%)

Directors and Senior Management				
Dave Reeves	Non-executive Chairman			
Keith Coughlan	Managing Director			
Pavel Reichl	Non-executive Director			
Kiran Morzaria	Non-executive Director			

Market Comparatives



Lithium

- Bacanora Minerals (TSX/AIM:BCN)
 - Sedimentary/clay lithium and borate deposits, northern Mexico
- Altura Mining (ASX: AJM)
 - Pilgangoora pegmatite deposit, Australia
- Neometals (ASX:NMT)
 - Mt Marion pegmatite deposit, Australia
- Pilbara Minerals (ASX:PLS)
 - Pilgangoora pegmatite deposit, Australia

		\$584.25				
1	\$500.00 -					
	\$400.00 -					
Ev/t LCE	\$300.00 -			\$279.18		\$237.64
	\$200.00 -				-	
	\$100.00 -				-	
	\$0.00 -	<u>\$4.55</u>	\$15.49			_
	<i>ç</i> 0.00	EMH	BCN	AJM	ΝΜΤ	PLS

	EMH	BCN	AJM	NMT	PLS
Compliant resource	5.5Mt LCE	7.3Mt LCE ¹	0.8Mt LCE	0.2Mt LCE ³	2.2Mt LCE
Market cap. (AUD million)	\$27	\$151	\$172	\$224	\$645
Li project EV (AUD million)	\$25	\$113 ¹	\$187 ²	\$110	\$523 ⁴
EV/t LCE (AUD)	\$4.55	\$15.49	\$279.18	\$584.25	\$237.64

17.3Mt LCE attributable to BCN; 87% of EV ascribed to lithium project, based on reported NPV

2 AJM has \$16 million debt related to purchase of a coal asset in Indonesia

3 0.19Mt LCE attributable to NMT; 66% of EV ascribed to lithium project, based on recent research note

4 97% of PLS EV ascribed to lithium project based on information in recent research note

2016 Program



- Continued drilling to allow estimation of Indicated Resource for basis of PFS. June to September.
- Trade off studies regarding early access to ore, plant locations and finalising lithium process route. Reworking Scoping Study.
- Pilot testwork on chosen lithium carbonate method including potash production
- Commence environmental work and secure preliminary mining permit
- Commence discussions with potential strategic partners
- Target EU for grants to assist in pilot development/studies
- Complete PFS

Investment Summary



- Cinovec is the largest lithium resource in Europe and one of the largest non-brine lithium resources in the world
- Cinovec is potentially a low cost producer of lithium carbonate (nett of by product credits)
- Cinovec is located in Europe the second largest importer of lithium in the world
- EMH is trading at a significant discount to peers on any comparative basis

Disclaimer and Cautionary Statement



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CAUTIONARY STATEMENT

The Cinovec Scoping Study financials referred to in this announcement (see page 13) are based on low level technical and economic assessments and is of insufficient certainty, under the JORC Code and ASX Listing Rules and guidance, to permit the technical and economic parameters required to imply economic viability. Investors should note that for the Company to establish economic viability of the Cinovec Project, the Company would need to upgrade an appropriate portion of its Inferred and Indicated Mineral Resources to a higher level of confidence with sufficient consideration of mining, processing, metallurgical, infrastructure, economic, marketing, legal, environmental, social and governmental factors. There is no assurance of an economic development case at this stage, or any certainty that conclusions of the study will be realised. The Scoping Study is based on the Company's Indicated and Inferred Tin Mineral Resource and should not be solely relied upon by investors when making investment decisions.

There is a low level of geological confidence associated with Inferred Mineral Resources and there is no certainty that further exploration work will result in the conversion of Inferred Mineral Resources to Indicated or Measured categories.

COMPETENT PERSON

The Exploration information in this presentation is based on information compiled by Mr Widenbar who is a recognised geologist and consultant to European Metals. Mr. Widenbar has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Widenbar consents to the inclusion in this presentation of the matters based on his information in the form and the context in which it appears.